

# Vitriturf Playground System

## Application Instructions

### I. Storage of VITRITURF:

A. All VITRITURF materials must be stored indoors, in cool dry storage.

1. **VITRITURF Primer and Binder:** must be protected from moisture and heat. Store at 40 F to 80 F and out of direct sunlight.

2. **VITRITURF Granules:** must be protected from moisture - store out of sunlight.

B. Handling of VITRITURF Components: All components are factory labeled by batch number. Check batch number prior to use. **NOTE: VITRITURF Binder and VITRITURF Primer have a shelf life of six (6) months.** Check all granules of similar colors to ensure they are exactly the same prior to use. **Read material safety data sheets carefully prior to opening containers. Wear protective clothing and eye gear.**

### II. MIXING:

A. **VITRITURF Binder with SBR shredded granules for Base Mat.**

1. **VITRITURF Binder** is mixed with the SBR shredded granules at the ratio of 82/18 by weight. This equates to approximately one (1) gallon of **VITRITURF Binder** to one (1) bag of SBR shredded granules.

2. Depending on the size of the project, you may mix the Binder/SBR mix either in a trough with a hoe or a mechanical drum mixer. **Be sure the SBR shredded granules are thoroughly coated.**

B. **VITRITURF Binder with EPDM Granules**

1. **VITRITURF Binder** is mixed with the EPDM Granules at the ratio of 82/18 by weight. This equates to approximately 1.25 gallons of **VITRITURF Binder** to 1 (one) bag of EPDM Granules.

2. Depending on the size of the project, you may mix the granule mix either in a trough with a hoe or a mechanical drum mixer. Be sure that the granules are thoroughly coated.

### III. Application of VPS:

A. **VITRITURF Primer:**

1. Apply Primer by spray or short nap roller at the rate of 300 square feet per gallon. **Do not over saturate substrate.** Allow to tack out (approximately 20 minutes) prior to application of **VITRITURF SBR** shredded granules (Base Mat). **NOTE: Do not use VITRITURF Primer over compacted stone.**

B. **VITRITURF Base Mat:**

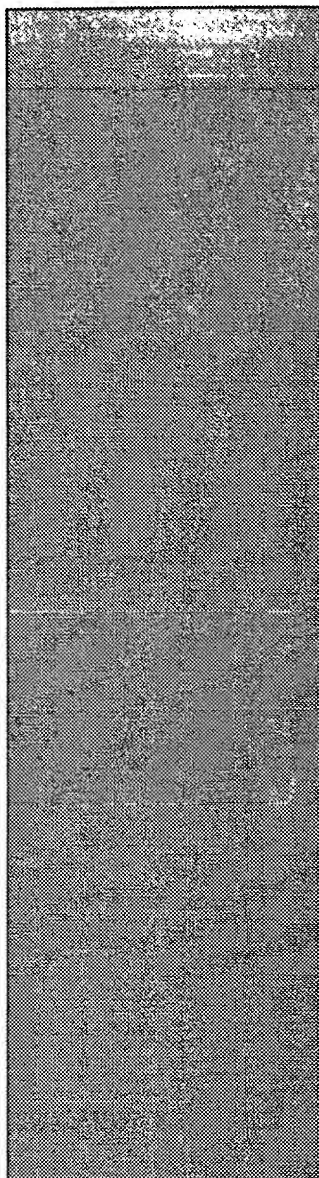
1. Apply mixed Binder/SBR at desired thickness using a screed bar.

2. Using a steel pool trowel even Binder/SBR mixture. Be sure to continuously lubricate trowel with kerosene, diesel fuel or soapy water. **Do not saturate surface with these lubricants.**

3. As the mixture is leveled apply a downward pressure onto the surface so that the mixture compacts tightly.

4. Check surface to be level.

5. With a water bottle apply a spray mist of clean cool water to the surface and float the trowel over the lubricated surface.



6. Allow to dry for a minimum of 24 hours.

#### C. VITRITURF Primer:

Once the Base Mat has dried apply **VITRITURF Primer** by spray or short nap roller at the rate of 300 square feet per gallon. **Do not over saturate Base Mat.** Allow to tack out (approximately 20 minutes) prior to application of **VITRITURF Wearing Course.**

#### D. VITRITURF Wearing Course:

1. Apply mixed Binder/Granule at desired thickness using a screed bar.
2. Using a steel pool trowel even Rubber/Granule mixture. Be sure to continuously lubricate trowel with kerosene, diesel fuel or soapy water. Do not saturate surface with these lubricants.
3. As the mixture is leveled apply a downward pressure onto the surface so that the mixture compacts tightly
4. Check surface to be level.
5. With a water bottle apply a spray mist of clean cool water to the surface and float the trowel over the lubricated surface.
6. Allow to dry for a minimum of 48 hours prior to usage.

#### IV. Cleanup:

1. Clean all tools and surface spotting immediately with Thinner C or diesel fuel prior to drying. **Note: Once Binder has dried it will be extremely difficult to remove from tools or surfaces or hands.**

#### V. General Precautions:

- A. Wear protective clothing and eye gear.
- B. All substrates must have a minimum of 1% slope to provide positive drainage.
- C. Ambient air temperature shall be 40 F (4 C) or greater and rising at the time of installation of the **VITRITURF** System and shall remain at 400 F (4" C) or greater for at least 7 days after application
- D. Protect from rain for a minimum of 48 hours after application.
- E. Read all MSDS sheets very carefully. If you do not understand them, contact the manufacturer immediately prior to application.
- F. If Binder accidentally comes in contact with eyes, immediately rinse with water and contact a physician.

Vitriturf®, Inc.  
65 Davids Drive  
Hauppauge, NY 11788  
800-777-8598  
Fax (516) 231-1329  
E-mail [vturf@aol.com](mailto:vturf@aol.com)

| [Home](#) | [Multipurpose System](#) | [Track Systems](#) | [Safety](#) | [ADA](#) |  
| [Recycle](#) | [Find A Rep](#) | [Request More Info](#) |

© 1998 Vitriturf, Inc., All Rights Reserved.

	L #	Hits	Search Text	DBs
1	L1	0	("WO-2097194").PN.	EPO; JPO; DERWENT
2	L5	0	("WO-2097194").PN.	EPO; JPO; DERWENT
3	L9	0	("WO-2097194-\$.did.").PN.	EPO; JPO; DERWENT
4	L13	0	("WO2002097194US").PN.	EPO; JPO; DERWENT
5	L17	0	("WO2002097194US").PN.	EPO; JPO; DERWENT
6	L21	0	("2002WO-GB02576.ap,prai.").PN.	DERWENT
7	L22	0	("WO-2097194-\$.did.").PN.	EPO; JPO; DERWENT
8	L26	1	02097194.pn.	EPO; JPO; DERWENT
9	L30	0	wo-02097194-\$.did.	EPO; JPO; DERWENT
10	L34	0	("2002170166").PN.	USPAT; US-PGPUB
11	L37	1	2002170166.pn.	USPAT; DERWENT
12	L40	0	us2002170166.pn.	USPAT; DERWENT
13	L43	60476	tire.	USPAT; US-PGPUB
14	L46	182736	sbs (styrene near2 styrene) sis sebs	USPAT; US-PGPUB
15	L49	3409	43 and 46	USPAT; US-PGPUB
16	L52	1558	49 and elastomer	USPAT; US-PGPUB
17	L55	517785	macadam track (playing adj field) floor tennis sport	USPAT; US-PGPUB

	L #	Hits	Search Text	DBs
18	L58	197	52 and 55	USPAT; US-PGPUB
19	L61	96	58 and polyurethane	USPAT; US-PGPUB
20	L64	19252	46 and 55	USPAT; US-PGPUB
21	L67	2223	64 and polyurethane	USPAT; US-PGPUB
22	L70	934	67 and binder	USPAT; US-PGPUB
23	L73	795	70 and (particle aggregate)	USPAT; US-PGPUB
24	L76	1	("5088724").PN.	USPAT
25	L77	42	73 and tire	USPAT; US-PGPUB
26	L80	1413124	sbs (styrene near2 styrene) sis sebs	EPO; JPO; DERWENT; IBM_TDB
27	L85	484591	macadam track (playing adj field) floor tennis sport	EPO; JPO; DERWENT; IBM_TDB
28	L90	26034	80 and 85	EPO; JPO; DERWENT; IBM_TDB
29	L95	216	90 and tire	EPO; JPO; DERWENT; IBM_TDB
30	L105	1	100 and binder	EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
31	L100	11	95 and polyurethane	EPO; JPO; DERWENT; IBM_TDB
32	L110	376	90 and polyurethane	EPO; JPO; DERWENT; IBM_TDB
33	L115	32	110 and binder	EPO; JPO; DERWENT; IBM_TDB

	L #	Hits	Search Text	DBs
1	L1	49478	sbs (styrene adj butadiene adj styrene) (stryene adj isoprene adj styrene)	USPA T; US-P GPUB
2	L2	7731	1 and (track (wearing adj (course surface)) floor court tennis golf athletic)	USPA T; US-P GPUB
3	L3	2343	2 and (particle particulate granule)	USPA T; US-P GPUB
4	L4	875	3 and polyurethane	USPA T; US-P GPUB
5	L5	3007	(sbs (styrene adj butadiene adj styrene) (stryene adj isoprene adj styrene)) same (granule particle particulate)	USPA T; US-P GPUB
6	L6	407	5 and (track (wearing adj (course surface)) floor court tennis golf athletic)	USPA T; US-P GPUB
7	L7	157	6 and polyurethane	USPA T; US-P GPUB
8	L8	44	7 and ground	USPA T; US-P GPUB

	L #	Hits	Search Text	DBs
9	L9	9616	racetrack (playing adj (surface field)) ((tennis basketball athletic) adj court) (wearing adj course) (sport adj surface)	USPA T; US-P GPUB
10	L11	26	10 and (particle granule particulate)	USPA T; US-P GPUB
11	L12	10	11 and binder	USPA T; US-P GPUB
12	L13	4	12 and polyurethane	USPA T; US-P GPUB
13	L14	6	12 not 13	USPA T; US-P GPUB
14	L15	16	11 not 12	USPA T; US-P GPUB
15	L10	82	9 and 1	USPA T; US-P GPUB
16	L16	8379 11	"82" not 11	USPA T; US-P GPUB
17	L17	56	10 not 11	USPA T; US-P GPUB

	L #	Hits	Search Text	DBs
18	L18	6328 58	sbs (styrene adj butadiene adj styrene) (stryene adj isoprene adj styrene)	EPO; JPO; DERW ENT; IBM_ TDB
19	L19	5711	racetrack (playing adj (surface field)) ((tennis basketball athletic) adj court) (wearing adj course) (sport adj surface)	EPO; JPO; DERW ENT; IBM_ TDB
20	L20	16	18 and 19	EPO; JPO; DERW ENT; IBM_ TDB